

## Engineering Interpretations

### **Water Management**

Interpretations of soils for water management are given as limitations for pond reservoir areas; embankments, dikes, and levees; excavated pond (aquifer-fed); and as restrictive features that affect drainage, irrigation, terraces and diversions, and grassed waterways.

**POND RESERVOIR AREA** is the area that holds water behind a dam or embankment. Soils best suited to this use have a low seepage potential, which is determined by the permeability and depth to fractured or permeable bedrock, or other permeable material.

**EMBANKMENTS, DIKES, AND LEVEES** are raised structures of soil material constructed to impound water or protect land against overflow. They generally are less than 20 feet high and are constructed of "homogeneous" soil material (without a core zone) and compacted to medium density.

**EXCAVATED PONDS (AQUIFER-FED)** are bodies of water created by excavating a pit or dugout into a ground-water aquifer. Excluded are ponds which are fed by surface runoff or that have embankments that impound water 3 feet or more above the original surface.

**DRAINAGE** is the process of removing excess surface and subsurface water from agricultural land. Soil features are listed that affect grading, excavation, and stability of trench sides or ditch banks. Features are also listed which might affect productivity after drainage is installed. The availability of drainage outlets must also be considered.

**IRRIGATION** is the controlled application of water to supplement rainfall for supporting plant growth. Soil features are listed that affect design, layout, construction, management, or performance of an irrigation system.

**TERRACES AND DIVERSIONS** are embankments or a combination of an embankment and a channel constructed across a slope to control erosion by diverting or storing surface runoff instead of permitting it to flow uninterrupted down the slope. Soil features are listed that affect the construction of terraces and diversions and that may cause problems after construction.

**GRASSED WATERWAYS** are natural or constructed channels that generally are broad and shallow and are covered with erosion-resistant grasses. They are used to conduct surface water to outlets at a nonerosive velocity. Soil features are listed that affect the construction and maintenance of the waterway, and also that affect the growth of grass after construction.

*This subsection includes:*

- **(a) Water Management**

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1B: Winfield-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	0.50  0.10	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.40	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10
1C: Winfield-----	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50  0.45	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.45	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.45
1D: Winfield-----	Limited ~slope (limited) ~seepage (moderately limited)	0.99  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Limited ~slope (limited) ~erodes easily (moderately limited)	0.99  0.60	Limited ~slope (limited) ~erodes easily (moderately limited)	0.99  0.60
2B: Menfro-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	0.50  0.10	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.40	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10
2C: Menfro-----	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50  0.45	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.45	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.45

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
2D: Menfro-----	Limited ~slope (limited) ~seepage (moderately limited)	0.99  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Limited ~slope (limited) ~erodes easily (moderately limited)	0.99  0.60	Limited ~slope (limited) ~erodes easily (moderately limited)	0.99  0.60
2E: Menfro-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60
2F: Menfro-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60
3D: Clarksville----	Very limited ~seepage (very limited) ~slope (limited)	1.00  0.70	Very limited ~slope (very limited) ~large stones (slightly limited)	1.00  0.30	Very limited ~slope (very limited) ~droughty (moderately limited)	1.00  0.54	Limited ~large stones (limited) ~slope (limited)	0.94  0.70	Limited ~large stones (limited) ~slope (limited) ~droughty (moderately limited)	0.94  0.70  0.54
3F: Clarksville----	Very limited ~slope (very limited) ~seepage (very limited)	1.00  1.00	Very limited ~slope (very limited) ~large stones (slightly limited)	1.00  0.30	Very limited ~slope (very limited) ~droughty (moderately limited)	1.00  0.54	Very limited ~slope (very limited) ~large stones (limited)	1.00  0.94	Very limited ~slope (very limited) ~large stones (limited) ~droughty (moderately limited)	1.00  0.94  0.54

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
4D: Union-----	Limited ~slope (limited) ~seepage (moderately limited)	0.99  0.50	Very limited ~slope (very limited) ~percs slowly (moderately limited)	1.00  0.39	Very limited ~slope (very limited) ~erodes easily (moderately limited) ~percs slowly (moderately limited)	1.00  0.60 0.39	Limited ~slope (limited) ~erodes easily (moderately limited) ~wetness (moderately limited)	0.99  0.60 0.36	Limited ~slope (limited) ~rooting depth (limited) ~erodes easily (moderately limited)	0.99  0.80 0.60
5A: Iva-----	Moderately limited ~seepage (moderately limited)	0.50	Not limited		Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60 0.44	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60 0.44
6A: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
7B: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
8E: Goss-----	Very limited ~slope (very limited) ~seepage (very limited)	1.00  1.00	Very limited ~slope (very limited) ~large stones (very limited)	1.00  1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited) ~droughty (slightly limited)	1.00  0.60 0.02	Very limited ~slope (very limited) ~large stones (limited) ~erodes easily (moderately limited)	1.00  0.99 0.60	Very limited ~slope (very limited) ~large stones (limited) ~erodes easily (moderately limited)	1.00  0.99 0.60

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10D: Gasconade-----	Very limited ~bedrock <20 in. (very limited) ~slope (limited)	1.00  0.80	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~slope (very limited)	1.00  1.00  1.00	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~droughty (very limited)	1.00  1.00  1.00	Very limited ~depth to bedrock (very limited) ~large stones (very limited) ~slope (limited)	1.00  1.00  0.80	Very limited ~bedrock <20 in. (very limited) ~droughty (very limited) ~large stones (very limited)	1.00  1.00  1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
10F: Gasconade-----	Very limited ~bedrock <20 in. (very limited) ~slope (very limited)	1.00  1.00	Very limited ~slope (very limited) ~shallow to bedrock (very limited) ~percs slowly (very limited)	1.00  1.00  1.00	Very limited ~shallow to bedrock (very limited) ~percs slowly (very limited) ~droughty (very limited)	1.00  1.00  1.00	Very limited ~slope (very limited) ~depth to bedrock (very limited) ~large stones (very limited)	1.00  1.00  1.00	Very limited ~bedrock <20 in. (very limited) ~slope (very limited) ~droughty (very limited)	1.00  1.00  1.00
Rock outcrop---	Not rated		Not rated		Not rated		Not rated		Not rated	
12: Nevin-----	Moderately limited ~seepage (moderately limited)	0.50	Not limited		Not limited		Not limited		Not limited	

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13D: Goss-----	Very limited ~seepage (very limited) ~slope (limited)	1.00  0.80	Very limited ~slope (very limited) ~large stones (very limited)	1.00  1.00	Very limited ~slope (very limited) ~droughty (slightly limited) ~large stones (slightly limited)	1.00  0.04 0.03	Very limited ~large stones (very limited) ~slope (limited)	1.00  0.80	Very limited ~large stones (very limited) ~slope (limited) ~droughty (slightly limited)	1.00  0.80 0.04
13F: Goss-----	Very limited ~slope (very limited) ~seepage (very limited)	1.00  1.00	Very limited ~slope (very limited) ~large stones (very limited)	1.00  1.00	Very limited ~slope (very limited) ~droughty (slightly limited) ~large stones (slightly limited)	1.00  0.04 0.03	Very limited ~slope (very limited) ~large stones (very limited)	1.00  1.00	Very limited ~slope (very limited) ~large stones (very limited) ~droughty (slightly limited)	1.00  1.00 0.04
14C: Menfro-----	Moderately limited ~slope (moderately limited) ~seepage (moderately limited)	0.60  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Moderately limited ~slope (moderately limited) ~erodes easily (moderately limited)	0.60  0.60	Moderately limited ~slope (moderately limited) ~erodes easily (moderately limited)	0.60  0.60
14E: Menfro-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60
16C: Urban land----	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
16C: (cont.) Harvester-----	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50  0.30	Limited ~slope (limited) ~percs slowly (slightly limited)	0.98  0.13	Limited ~slope (limited) ~percs slowly (slightly limited)	0.98  0.13	Moderately limited ~slope (moderately limited)	0.30	Moderately limited ~slope (moderately limited)	0.30
16D: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Harvester-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
17D: Crider-----	Limited ~slope (limited) ~seepage (moderately limited)	0.80  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Limited ~slope (limited)	0.80	Limited ~slope (limited)	0.80
Menfro-----	Limited ~slope (limited) ~seepage (moderately limited)	0.80  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Limited ~slope (limited) ~erodes easily (moderately limited)	0.80  0.60	Limited ~slope (limited) ~erodes easily (moderately limited)	0.80  0.60
17F: Crider-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
17F: (cont.) Menfro-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60
18A: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Harvester-----	Moderately limited ~seepage (moderately limited)	0.50	Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Not limited		Not limited	
18C: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Harvester-----	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50  0.30	Limited ~slope (limited) ~percs slowly (slightly limited)	0.98  0.13	Limited ~slope (limited) ~percs slowly (slightly limited)	0.98  0.13	Moderately limited ~slope (moderately limited)	0.30	Moderately limited ~slope (moderately limited)	0.30
18D: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	



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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
18D: (cont.) Harvester-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~slope (very limited) ~percs slowly (slightly limited)	1.00  0.13	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
19C: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Goss-----	Very limited ~seepage (very limited) ~slope (moderately limited)	1.00  0.30	Very limited ~large stones (very limited) ~slope (limited)	1.00  0.98	Limited ~slope (limited) ~erodes easily (moderately limited) ~droughty (slightly limited)	0.98  0.60 0.11	Very limited ~large stones (very limited) ~erodes easily (moderately limited) ~slope (moderately limited)	1.00  0.60 0.30	Very limited ~large stones (very limited) ~erodes easily (moderately limited) ~slope (moderately limited)	1.00  0.60 0.30
19D: Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Goss-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited) ~large stones (very limited)	1.00  1.00	Very limited ~slope (very limited) ~droughty (slightly limited) ~large stones (slightly limited)	1.00  0.11 0.06	Very limited ~slope (very limited) ~large stones (very limited)	1.00  1.00	Very limited ~slope (very limited) ~large stones (very limited) ~droughty (slightly limited)	1.00  1.00 0.11

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
20B: Fishpot-----	Not limited		Slightly limited ~percs slowly (slightly limited) ~slope (slightly limited)	0.13  0.10	Moderately limited ~erodes easily (moderately limited) ~percs slowly (slightly limited) ~slope (slightly limited)	0.60  0.13  0.10	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
21B: Winfield-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	0.50  0.10	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.40	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
21C: Winfield-----	Moderately limited ~seepage (moderately limited) ~slope (moderately limited)	0.50  0.45	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.45	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.45
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
21D: Winfield-----	Very limited ~slope (very limited) ~seepage (moderately limited)	1.00  0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60	Very limited ~slope (very limited) ~erodes easily (moderately limited)	1.00  0.60
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
22A: Iva-----	Moderately limited ~seepage (moderately limited)	0.50	Not limited		Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60  0.44	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60  0.44
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
23B: Menfro-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	0.50  0.10	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited)	0.60  0.40	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
23C: Menfro-----	Moderately limited ~seepage (moderately limited)	0.50	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
	~slope (moderately limited)	0.45			~erodes easily (moderately limited)	0.60	~slope (moderately limited)	0.45	~slope (moderately limited)	0.45
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
23D: Menfro-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00
	~seepage (moderately limited)	0.50			~erodes easily (moderately limited)	0.60	~erodes easily (moderately limited)	0.60	~erodes easily (moderately limited)	0.60
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
24: Nevin-----	Moderately limited ~seepage (moderately limited)	0.50	Not limited		Not limited		Not limited		Not limited	
Urban land-----	Not rated		Not rated		Not rated		Not rated		Not rated	
27: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
28: Pits-----	Not rated		Not rated		Not rated		Not rated		Not rated	
29: Dumps-----	Not rated		Not rated		Not rated		Not rated		Not rated	
Orthents-----	Slightly limited		Moderately limited		Not Rated		Not Rated		Not Rated	
	~seepage	0.18	~slope	0.40	Not Rated		Not Rated		Not Rated	
	(slightly limited)		(moderately limited)		Not Rated		~slope	0.10	Not Rated	
	~slope	0.10	(slightly limited)		Not Rated		(slightly limited)		~slope	0.10
31: Elsah-----	Very limited		Very limited		Limited		Very limited		Very limited	
	~seepage	1.00	~large stones	1.00	~flooding	0.90	~large stones	1.00	~large stones	1.00
	(very limited)		(very limited)		(limited)		(very limited)		(very limited)	
			~flooding	0.90	~erodes easily	0.60	~erodes easily	0.60	~erodes easily	0.60
32: Haymond-----			(limited)		(moderately limited)		(moderately limited)		(moderately limited)	
			~slope	0.10	~slope	0.10				
			(slightly limited)		(slightly limited)					
	Moderately limited		Limited		Limited		Moderately limited		Moderately limited	
	~seepage	0.50	~flooding	0.90	~flooding	0.90	~erodes easily	0.60	~erodes easily	0.60
	(moderately limited)		(limited)		(limited)		(moderately limited)		(moderately limited)	
					~erodes easily	0.60				
					(moderately limited)					

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33: Wilbur-----	Moderately limited ~seepage (moderately limited)	0.50	Limited ~flooding (limited)	0.90	Limited ~flooding (limited) ~erodes easily (moderately limited)	0.90 0.60	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60
40: Eudora-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~percs slowly (moderately limited)	0.39	Not limited		Not limited	
41: Booker-----	Not limited		Very limited ~ponded (wetness) (very limited) ~percs slowly (very limited)	1.00 1.00	Very limited ~ponded (wetness) (very limited) ~percs slowly (very limited) ~slow intake (limited)	1.00 1.00 0.89	Very limited ~ponded (wetness) (very limited) ~wetness (very limited)	1.00 1.00	Very limited ~wetness (very limited)	1.00
42: Blake-----	Very limited ~seepage (very limited)	1.00	Not limited		Moderately limited ~slow intake (moderately limited)	0.60	Not limited		Not limited	
43: Waldron-----	Not limited		Moderately limited ~percs slowly (moderately limited)	0.39	Limited ~slow intake (limited) ~percs slowly (moderately limited)	0.70 0.39	Moderately limited ~wetness (moderately limited)	0.44	Moderately limited ~wetness (moderately limited)	0.44
44: Sarpy-----	Very limited ~seepage (very limited)	1.00	Limited ~cutbanks cave (limited)	0.90	Limited ~fast intake (limited) ~droughty (limited)	0.90 0.69	Very limited ~too sandy (very limited)	1.00	Limited ~droughty (limited)	0.69

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
45: Sarpy-----	Very limited ~seepage (very limited)	1.00	Limited ~cutbanks cave (limited) ~flooding (limited)	0.90 0.90	Limited ~flooding (limited) ~fast intake (limited) ~droughty (limited)	0.90 0.90 0.69	Very limited ~too sandy (very limited)	1.00	Limited ~droughty (limited)	0.69
46: Parkville-----	Very limited ~seepage (very limited)	1.00	Very limited ~percs slowly (very limited)	1.00	Very limited ~percs slowly (very limited) ~slow intake (limited)	1.00 0.89	Moderately limited ~too sandy (moderately limited) ~wetness (moderately limited)	0.60 0.60	Moderately limited ~wetness (moderately limited)	0.60
49: Blake-----	Very limited ~seepage (very limited)	1.00	Limited ~flooding (limited)	0.90	Limited ~flooding (limited) ~slow intake (moderately limited)	0.90 0.60	Not limited		Not limited	
Eudora-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~flooding (moderately limited)	0.60	Not limited		Not limited	
Waldron-----	Not limited		Limited ~flooding (limited) ~percs slowly (moderately limited)	0.90 0.39	Limited ~flooding (limited) ~slow intake (moderately limited) ~percs slowly (moderately limited)	0.90 0.60 0.39	Moderately limited ~wetness (moderately limited)	0.44	Moderately limited ~wetness (moderately limited)	0.44

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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
52A: Freeburg-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~flooding (moderately limited) ~erodes easily (moderately limited)	0.60 0.60	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60 0.36	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited)	0.60 0.36
52B: Freeburg-----	Moderately limited ~seepage (moderately limited) ~slope (slightly limited)	0.50 0.10	Moderately limited ~flooding (moderately limited) ~slope (moderately limited)	0.60 0.40	Moderately limited ~flooding (moderately limited) ~erodes easily (moderately limited) ~slope (moderately limited)	0.60 0.60 0.60 0.40	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited) ~slope (slightly limited)	0.60 0.36 0.10	Moderately limited ~erodes easily (moderately limited) ~wetness (moderately limited) ~slope (slightly limited)	0.60 0.36 0.10
53A: Bremer-----	Not limited		Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Moderately limited ~wetness (moderately limited)	0.60	Moderately limited ~wetness (moderately limited)	0.60
55A: Ashton-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited)	0.60	Moderately limited ~flooding (moderately limited)	0.60	Not limited		Not limited	
55B: Ashton-----	Moderately limited ~seepage (moderately limited)	0.50	Moderately limited ~flooding (moderately limited) ~slope (slightly limited)	0.60 0.10	Moderately limited ~flooding (moderately limited) ~slope (slightly limited)	0.60 0.10	Not limited		Not limited	
56A: Weller-----	Not limited		Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~erodes easily (moderately limited) ~percs slowly (moderately limited)	0.60 0.39	Moderately limited ~erodes easily (moderately limited)	0.60	Moderately limited ~erodes easily (moderately limited)	0.60



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Map symbol and soil name	Pond reservoir areas		Drainage		Irrigation		Terraces and diversions		Grassed waterways	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
56B: Weller-----	Slightly limited ~slope (slightly limited)	0.10	Moderately limited ~slope (moderately limited) ~percs slowly (moderately limited)	0.40  0.39	Moderately limited ~erodes easily (moderately limited) ~slope (moderately limited) ~percs slowly (moderately limited)	0.60  0.40  0.39	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10	Moderately limited ~erodes easily (moderately limited) ~slope (slightly limited)	0.60  0.10
M-W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated		Not rated		Not rated	